

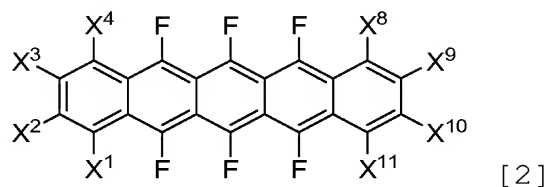
Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

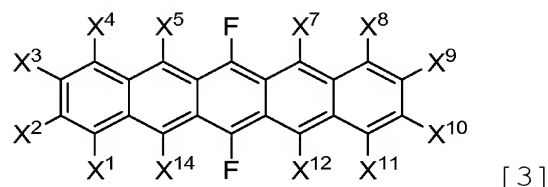
1 (Cancelled).

2 (Previously Presented). A compound represented by formula [2]



(wherein X¹, X², X³, X⁴, X⁸, X⁹, X¹⁰, and X¹¹ represent fluorine, hydrogen, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X² is bonded to X³ to form a monocyclic or condensed polycyclic hydrocarbon group and/or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group).

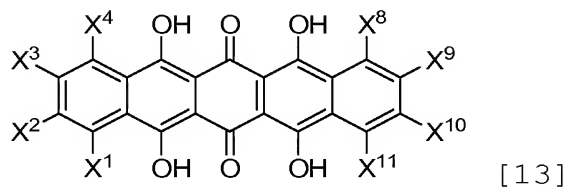
3 (Previously Presented). A compound represented by Formula [3]



(wherein X¹, X², X³, X⁴, X⁵, X⁷, X⁸, X⁹, X¹⁰, X¹¹, X¹², and X¹⁴ represent fluorine, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X² is bonded to X³ to form a monocyclic or condensed polycyclic hydrocarbon group and/or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group).

4 (Cancelled).

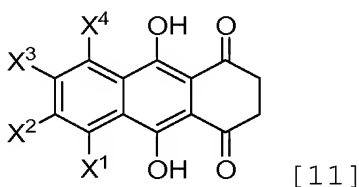
5 (Withdrawn). A method of producing a compound represented by formula [13]



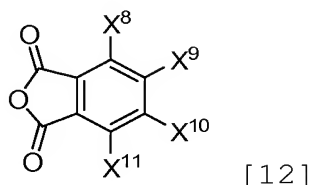
(wherein X¹, X², X³, X⁴, X⁸, X⁹, X¹⁰, and X¹¹ represent fluorine, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl

group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group), comprising the step of

producing a compound represented by formula [13] by reacting a compound represented by formula [11]



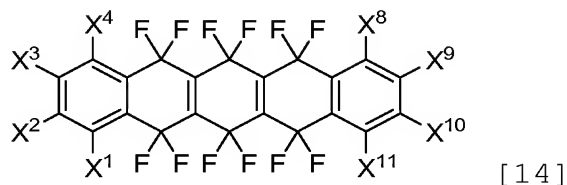
(wherein X^1 , X^2 , X^3 , and X^4 represent fluorine, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group) with a compound represented by formula [12]



(wherein X⁸, X⁹, X¹⁰, and X¹¹ represent fluorine, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group) in the presence of a Lewis acid.

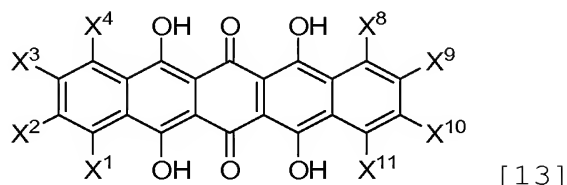
6 (Withdrawn). The production method according to claim 5, wherein the Lewis acid comprises aluminum chloride.

7 (Withdrawn). A method of producing a compound represented by formula [14]



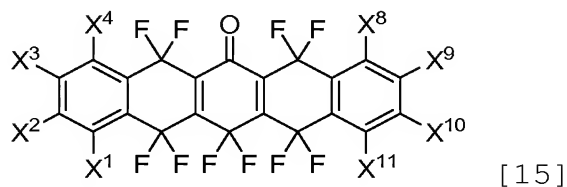
(wherein X¹, X², X³, X⁴, X⁸, X⁹, X¹⁰, and X¹¹ are defined as for formula [13]), comprising the step of

producing a compound represented by formula [14] by reacting a compound represented by formula [13]



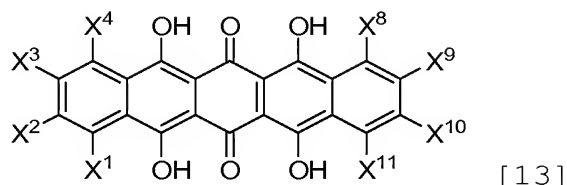
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

8 (Withdrawn). A method of producing a compound represented by formula [15]



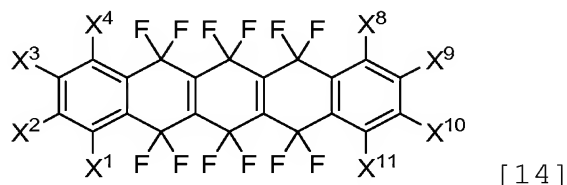
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} are defined as for formula [13]), comprising the step of

producing a compound represented by formula [15] by reacting a compound represented by formula [13]



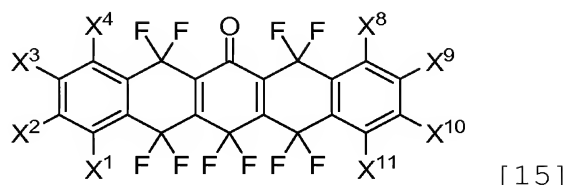
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

9 (Withdrawn). A method of producing a compound represented by formula [14]



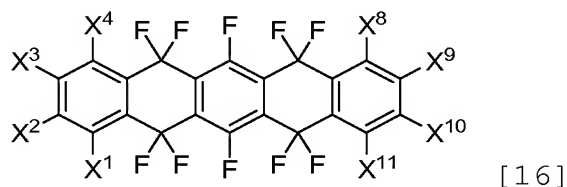
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} are defined as for formula [15]), comprising the step of

producing a compound represented by formula [14] by reacting a compound represented by formula [15]



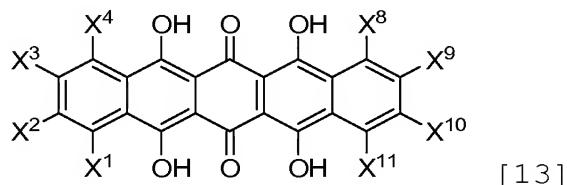
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

10 (Withdrawn). A method of producing a compound represented by formula [16]



(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} are defined as for formula [13]), comprising the step of

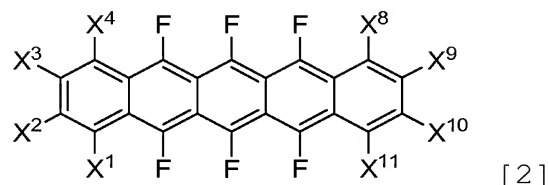
producing a compound represented by formula [16] by
reacting a compound represented by formula [13]



(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

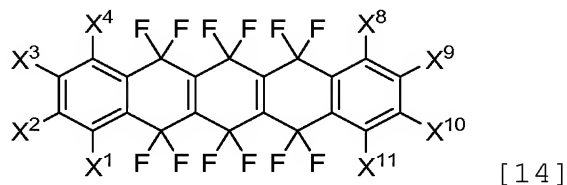
11 (Withdrawn). The production method according to any of claims 7 to 10, wherein the fluorinating agent comprises sulfur tetrafluoride.

12 (Withdrawn). A method of producing a compound represented by formula [2]



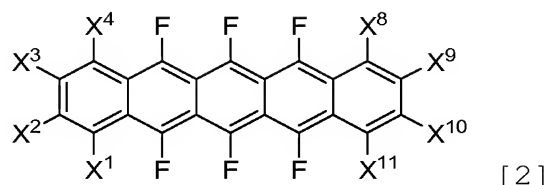
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} are defined as for formula [14]), comprising the step of

producing a compound represented by formula [2] by reacting a compound represented by formula [14]



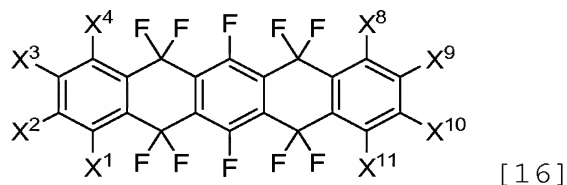
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a reducing agent.

13 (Withdrawn). A method of producing a compound represented by formula [2]



(wherein X¹, X², X³, X⁴, X⁸, X⁹, X¹⁰, and X¹¹ are defined as for formula [16])), comprising the step of

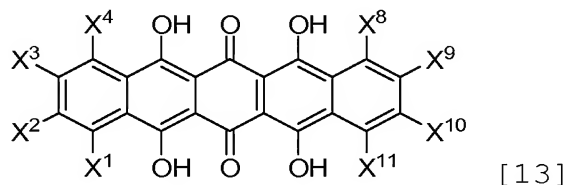
producing a compound represented by formula [2] by
reacting a compound represented by formula [16]



(wherein X¹, X², X³, X⁴, X⁸, X⁹, X¹⁰, and X¹¹ represent fluorine, hydrogen, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X² is bonded to X³ to form a monocyclic or condensed polycyclic hydrocarbon group and/or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group) with a reducing agent.

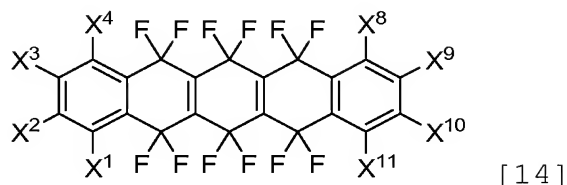
14 (Withdrawn). The production method according to claim 12 or 13, wherein the reducing agent comprises zinc, iron, copper, nickel, palladium, or a combination thereof.

15 (Withdrawn). A compound represented by formula [13]



(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

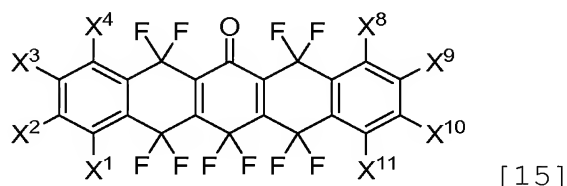
16 (Withdrawn). A compound represented by formula [14]



(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

17 (Withdrawn). A compound represented by formula

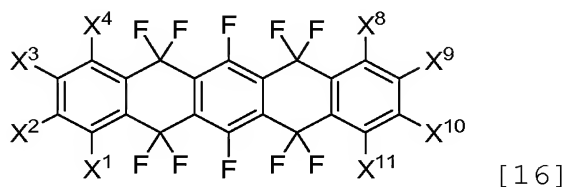
[15]



(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl

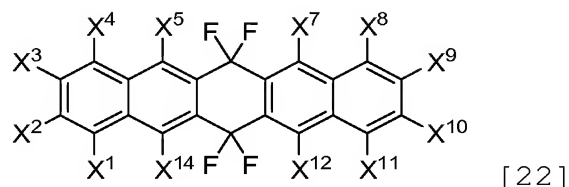
group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

18 (Withdrawn). A compound represented by formula [16]



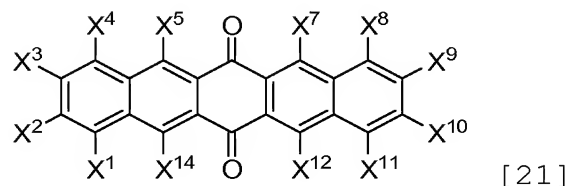
(wherein X^1 , X^2 , X^3 , X^4 , X^8 , X^9 , X^{10} , and X^{11} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

19 (Withdrawn). A method of producing a compound represented by formula [22]



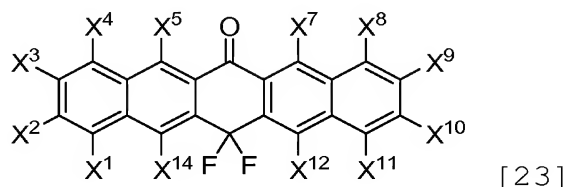
(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} are defined as for formula [21]), comprising the step of

producing a compound represented by formula [22] by reacting a compound represented by formula [21]



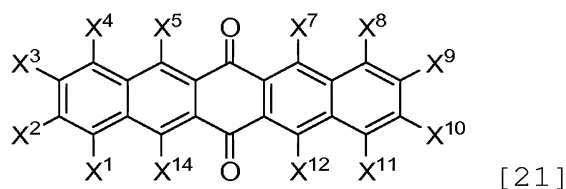
(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

20 (Withdrawn). A method of producing a compound represented by formula [23]



(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} are defined as for formula [21]), comprising the step of

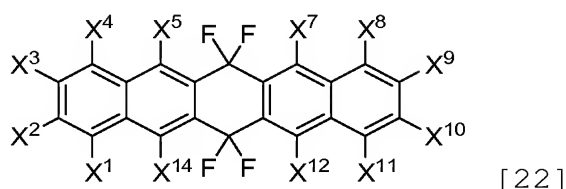
producing a compound represented by formula [23] by reacting a compound represented by formula [21]



(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group

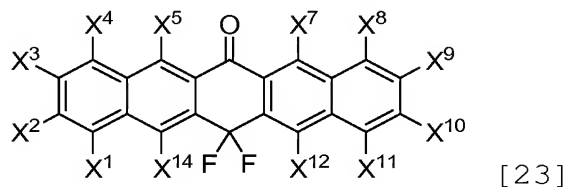
and/or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

21 (Withdrawn). A method of producing a compound represented by formula [22]



(wherein X¹, X², X³, X⁴, X⁵, X⁷, X⁸, X⁹, X¹⁰, X¹¹, X¹², and X¹⁴ are defined as for formula [23]), comprising the step of

producing a compound represented by formula [22] by reacting a compound represented by formula [23]

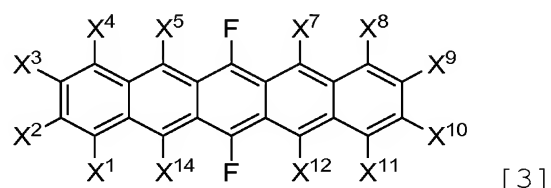


(wherein X¹, X², X³, X⁴, X⁵, X⁷, X⁸, X⁹, X¹⁰, X¹¹, X¹², and X¹⁴ represent fluorine, hydrogen, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X² is bonded to X³ to

form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

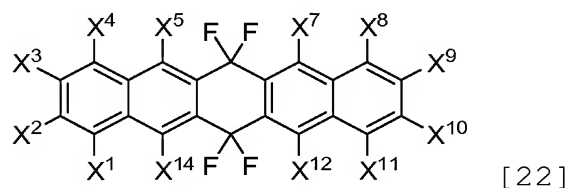
22 (Withdrawn). The production method according to any of claims 19 to 21, wherein the fluorinating agent comprises sulfur tetrafluoride.

23 (Withdrawn). A method of producing a compound represented by formula [3]



(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} are defined as for formula [22]), comprising the step of

producing a compound represented by formula [3] by reacting a compound represented by formula [22]

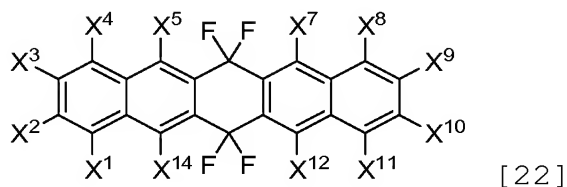


(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8}

alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a reducing agent.

24 (Withdrawn). The production method according to claim 23, wherein the reducing agent comprises zinc, iron, copper, nickel, palladium, or a combination thereof.

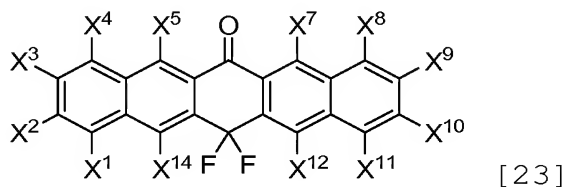
25 (Withdrawn). A compound represented by formula [22]



(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted

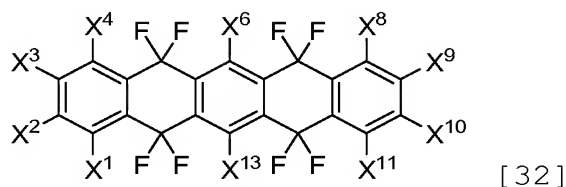
naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

26 (Withdrawn). A compound represented by formula
[23]



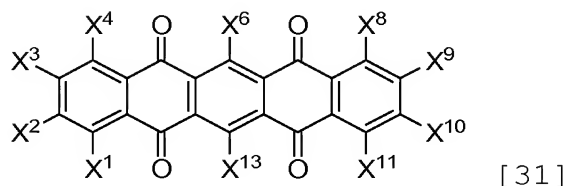
(wherein X^1 , X^2 , X^3 , X^4 , X^5 , X^7 , X^8 , X^9 , X^{10} , X^{11} , X^{12} , and X^{14} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).

27 (Withdrawn). A method of producing a compound represented by formula [32]



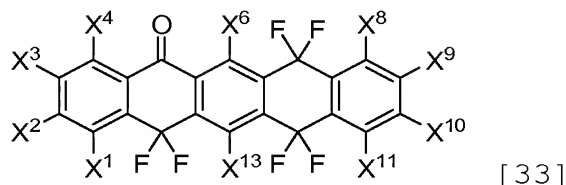
(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} are defined as for formula [31]), comprising the step of

producing a compound represented by formula [32] by reacting a compound represented by formula [31]



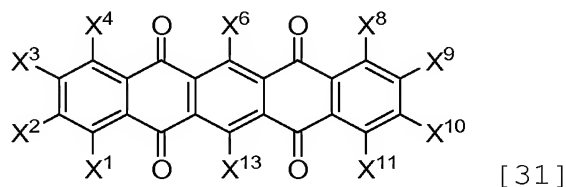
(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

28 (Withdrawn). A method of producing a compound represented by formula [33]



(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} are defined as for formula [31]), comprising the step of

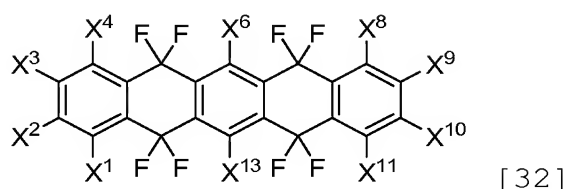
producing a compound represented by formula [33] by reacting a compound represented by formula [31]



(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group

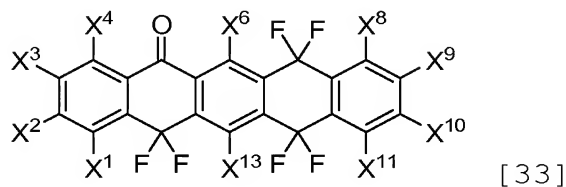
and/or X⁹ is bonded to X¹⁰ to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

29 (Withdrawn). A method of producing a compound represented by formula [32]



(wherein X¹, X², X³, X⁴, X⁶, X⁸, X⁹, X¹⁰, X¹¹, and X¹³ are defined as for formula [33]), comprising the step of

producing a compound represented by formula [32] by reacting a compound represented by formula [33]

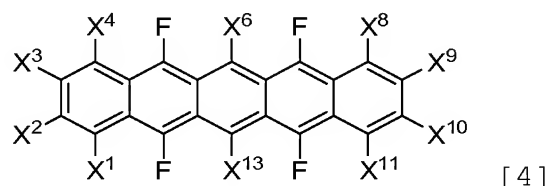


(wherein X¹, X², X³, X⁴, X⁶, X⁸, X⁹, X¹⁰, X¹¹, and X¹³ represent fluorine, hydrogen, a substituted or unsubstituted C₁₋₈ alkyl group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X² is bonded to X³ to

form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a fluorinating agent.

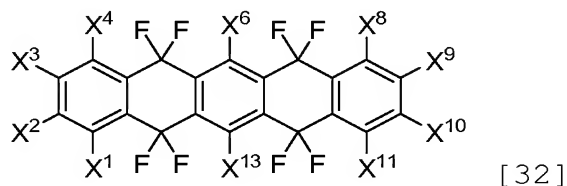
30 (Withdrawn). The production method according to any of claims 27 to 29, wherein the fluorinating agent comprises sulfur tetrafluoride.

31 (Withdrawn). A method of producing a compound represented by formula [4]



(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} are defined as for formula [32]), comprising the step of

producing a compound represented by formula [4] by reacting a compound represented by formula [32]



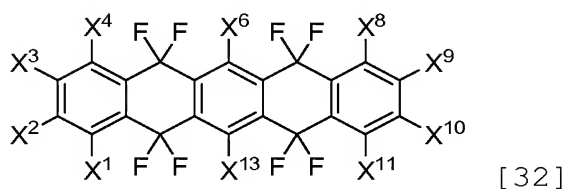
(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl

group, a substituted or unsubstituted phenyl group, a substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group) with a reducing agent.

32 (Withdrawn). The production method according to claim 31, wherein the reducing agent comprises zinc, iron, copper, nickel, palladium, or a combination thereof.

33 (Cancelled).

34 (Withdrawn). A compound represented by formula [32]



(wherein X^1 , X^2 , X^3 , X^4 , X^6 , X^8 , X^9 , X^{10} , X^{11} , and X^{13} represent fluorine, hydrogen, a substituted or unsubstituted C_{1-8} alkyl group, a substituted or unsubstituted phenyl group, a

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substituted or unsubstituted naphthyl group, a substituted or unsubstituted anthracenyl group, a substituted or unsubstituted naphthacenyl group, or a substituted or unsubstituted pentacenyl group, and may be the same or different; or X^2 is bonded to X^3 to form a monocyclic or condensed polycyclic hydrocarbon group and/or X^9 is bonded to X^{10} to form a monocyclic or condensed polycyclic hydrocarbon group).